

Index to Volume 31

Authors and Titles

- Armstrong, P. M. *See* Elix, J. A. 467
Ash, J.—
Growth rings in *Agathis robusta* and *Araucaria cunninghamii* from tropical Australia 269
Note on paper 'Growth rings and rainfall correlations in a mangrove tree of the genus *Diospyros* (Ebenaceae)', by N. C. Duke *et al.* 19
Tree rings in tropical *Callitris macleayana* 277
Ashton, D. H. *See* Gleadow, R. M. 151
Austin, M. P., Cunningham, R. B., and Wood, J. T.—
Subgeneric composition of eucalypt forest stands in a region of south-eastern Australia 63

Bartle, J. R. *See* Dell, B. 615
Briggs, S. V., and Maher, M. T.—
Litter fall and leaf decomposition in a river red gum (*Eucalyptus camaldulensis*) swamp 307
Brooker, M. I. H. *See* Ladiges, P. Y. 565
Brown, M. J.—
Phenotypic plasticity and stability of leaf form in *Plantago paradoxa* in mosaic environments 323
Brown, W. V. *See* Milner, R. J. 173
Burgman, M. A. *See* Hopper, S. D. 35

Campbell, L. C. *See* Clemens, J. 1
Carr, D. J., Jahnke, R., and Carr, S. G. M.—
Development of the lignotuber and plant form in *Lehmanniana* 629
Carr, D. J. *See* Jahnke, R. 283
Carr, S. G. M. *See* Jahnke, R. 283
Carr, D. J. 629
Chalk, P. M. *See* Hopmans, P. 331
Chambers, T. C. *See* Quirk, H. 501
Chandra, S.—
Morphology of *Dictymia brownii* (Polypodiaceae) 557

Clayton, M. N. *See* Phillips, J. A. 11
Clemens, J., Campbell, L. C., and Nurisjah, S.—
Germination, growth and mineral ion concentrations of *Casuarina* species under saline conditions 1
Crowden, R. K. *See* Menadue, Y. 73
Cunningham, R. B. *See* Austin, M. P. 63

Dalling, M. J. *See* Langkamp, P. J. 141
Dell, B., and Wallace, I. M.—
Periodicity of fine root growth in jarrah (*Eucalyptus marginata*) 247
Dell, B., Bartle, J. R., and Tacey, W. H.—
Root occupation and root channels of jarrah forest subsoils 615
Dell, B., Loneragan, J. F., and Plaskett, D.—
The phosphorus response of *Eucalyptus* seedlings grown in a pallid zone clay treated with three levels of lime 231
Dixon, K. W., Kuo, J., and Pate, J. S.—
Storage reserves of the seed-like, aestivating organs of geophytes inhabiting granite outcrops in south-western Australia 85
Doley, D.—
Chlorosis in a tree fern (*Cyathea cooperi*) induced by brief heat stress 23
Douglas, L. A. *See* Hopmans, P. 331
Dowd, J. M. *See* Martin, P. G. 411

Elix, J. A., and Armstrong, P. M.—
Further new species of *Parmelia* subgen. *Xanthoparmelia* (lichens) from Australia and New Guinea 467

Forrester, R. I. *See* Halsall, D. M. 341

Gleadow, R. M., Rowan, K. S., and Ashton, D. H.—
Invasion by *Pittosporum undulatum* of the forests of central Victoria. IV. Shade tolerance 151

- Grootjen, C. J.—
Development of ovule and seed in
Cartonema spicatum
(Cartonemataceae) 297
- Hacker, J. B.—
Inheritance of stolon development and
setigerous lemmas in the *Digitaria*
milanjiana complex, and its taxonomic
significance 357
- Haines, R. J.—
Embryo development and anatomy in
Araucaria 125
Seed development in *Araucaria* 255
- Halsall, D. M., Forrester, R. I., and
Moss, T. E.—
Effects of nitrogen, phosphorus and
calcium nutrition on growth of eucalypt
seedlings and on the expression of
disease associated with *Phytophthora*
cinnamomi infection 314
- Harwood, C. E. See Kirkpatrick, J. B. 437
- Hattersley, P. W., and Roksandic, Z.—
 $\delta^{13}\text{C}$ values of C_3 and C_4 species of
Australian *Neurachne* and its allies
(Poaceae) 317
- Haworth, D. L., and Pitt, J. I.—
A new taxonomy for *Monascus* species
based on cultural and microscopical
characters 51
- Hill, R. S.—
Evolution of *Nothofagus cunninghamii* and
its relationship to *N. moorei* as inferred
from Tasmanian macrofossils 453
- Hill, T. C. See Tippett, J. T. 197
- Hopmans, P., Douglas, L. A., and
Chalk, P.M.—
Nitrogen fixation associated with *Acacia*
dealbata seedlings as estimated by the
acetylene reduction assay 331
- Hopper, S. D., and Burgman, M. A.—
Cladistic and phenetic analyses of
phylogenetic relationships among
populations of *Eucalyptus caesia* 35
- Hooper, S. D. See Moran, G. F. 161
- Humphries, C. J. See Ladiges, P. Y. 565
- Hyland, B. P. M.—
A revision of *Syzygium* and allied genera
(Myrtaceae) in Australia. Supplement
No. 9 (17 August). Abstract 436
- Jahnke, R., Carr, D. J., and Carr, S. G. M.—
Lignotuber development and growth
parameters in *Eucalyptus camaldulensis*:
effects of phosphorus and nitrogen
levels 283
- Jahnke, R. See Carr, D. J. 629
- Jennings, A. C. See Martin, P. G. 395
- Johnston, R. R., and Lacey, C. J.—
Multi-stemmed trees in rainforest 189
- Kile, G. A.—
Identification of genotypes and the clonal
development of *Armillaria luteobubalina*
in eucalypt forests 657
- Kirkpatrick, J. B., and Harwood, C. E.—
Plant communities of Tasmanian
wetlands 437
- Kloot, P. M.—
The genus *Lolium* in Australia 421
- Kuo, J. See Dixon, K. W. 85
- Lacey, C. J.—
Development of large plate-like lignotubers
in *Eucalyptus botryoides* in relation to
environmental factors 105
See also Johnston, R. D. 189
- Ladiges, P. Y., Humphries, C. J., and
Brooker, M. I. H.—
Cladistic relationships and biogeographic
patterns in the peppermint group of
Eucalyptus (informal subseries
Amygdalininae, subgenus *Monocalyptus*)
and the description of a new species,
E. willisii 565
- Langkamp, P. J., and Dalling, M. J.—
Nutrient cycling in a stand of *Acacia*
holosericea. III. Calcium, magnesium,
sodium and potassium 141
- Loneragan, J. F. See Dell, B. 231
- McConchie, C. A.—
Floral development of *Maidenia rubra*
(Hydrocharitaceae) 585
- Maher, M. T. See Briggs, S. V. 307
- Mahon, R. J. See Milner, R. J. 173
- Marks, G. C., and Smith, I. W.—
Development of *Phytophthora cinnamomi*
infection in roots of eucalypt species
growing in a soil that suppresses
Phytophthora root disease 239
- Martin, P. G., and Jennings, A. C.—
The study of plant phylogeny using amino
acid sequences of ribulose-1,5-
bisphosphate carboxylase. I. Biochemical
methods and the patterns of
variability 395
- Martin, P. G., Dowd, J. M., and
Stone, S. J. L.—
The study of plant phylogeny using amino
acid sequences of ribulose-1,5-
bisphosphate carboxylase. II. The
analysis of small subunit data to form
phylogenetic trees 411

- Menadue, Y., and Crowden, R. K.—**
Morphological and chemical variation in populations of *Richea scoparia* and *R. angustifolia* (Epacridaceae) 73
- Milner, R. J., Mahon, R. J., and Brown, W. V.—**
A taxonomic study of the *Erynia neoaphidis* (Zygomycetes: Entomophthoraceae) group of insect pathogenic fungi, together with a description of the new species *Erynia kondoiensis* 173
- Moran, G. F., and Hopper, S. D.—**
Genetic diversity and the insular population structure of the rare granite rock species, *Eucalyptus caesia* 161
- Moss, T. E. See Halsall, D. M.** 341
- Mowatt, J., and Myerscough, P. J.—**
Ecological differentiation between species of scribbly gums [*Eucalyptus* informal subseries *Haemastominae*] and *Angophora* in seedling responsiveness to mineral nutrients 645
- Murray, D. R., and Weder, J. K. P.—**
Seed proteinase inhibitors of *Pulchellae*, *Acacia mitchellii* and *A. alata*: exclusion of *A. mitchellii* from *Pulchellae* 119
- Myerscough, P. J. See Mowatt, J.** 645
- Nurisjah, S. See Clemens, J.** 1
- Pate, J. S. See Dixon, K. W.** 85
- Phillips, J. A., and Clayton, M. N.—**
Morphology and development in culture of *Enteromorpha linza* (Ulvaceae, Chlorophyta), a common marine alga of southern Australia 11
- Pirozynski, K. A., and Walker, J. (Eds)—**
Pacific mycogeography: a preliminary approach. Supplement No. 10 (8 September). Abstract 554
- Pitt, J. I. See Hawksworth, D. L.** 51
- Plaskett, D. See Dell, B.** 231
- Potts, B. M., and Reid, J. B.—**
Hybridization between *Eucalyptus obliqua* and *E. pulchella* 211
- Pyke, G. H.—**
Relationship between time since the last fire and flowering in *Telopea speciosissima* and *Lambertia formosa* 293
- Quirk, H., Chambers, T. C., and Regan, M.—**
The fern genus *Cheilanthes* in Australia 501
- Regan, M. See Quirk, H.** 501
- Reid, J. B. See Potts, B. M.** 211
- Roksandic, Z. See Hattersley, P. W.** 317
- Rowan, K. S. See Gleadow, R. M.** 151
- Schneider, E. L.—**
Gross morphology and floral biology of *Ondinea purpurea* 371
- Shea, S. R. See Tippett, J. T.** 197
- Shearer, B. L. See Tippett, J. T.** 197
- Smith, I. W. See Marks, G. C.** 239
- Stone, S. J. L. See Martin, P. G.** 411
- Stoutamire, W. P.—**
Wasp-pollinated species of *Caladenia* (Orchidaceae) in south-western Australia 383
- Tacey, W. H. See Dell, B.** 615
- Tippett, J. T., Shea, S. R., Hill, T. C., and Shearer, B. L.—**
Development of lesions caused by *Phytophthora cinnamomi* in the secondary phloem of *Eucalyptus marginata* 197
- Wake, L. V.—**
Characteristics of resting state colonies of the alga *Botryococcus braunii* obtained from a bloom of the organism 605
- Walker, J. See Pirozynski, K. A.** 554
- Wallace, I. M. See Dell, B.** 247
- Wardrop, A. B.—**
The opening mechanism of follicles of some species of *Banksia* 485
- Weder, J. K. P. See Murray, D. R.** 119
- Wood, J. T. See Austin, M. P.** 63